

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. 041993-5369	Application No.: 10/825,244
	Applicant: In-Kyu LEE	
	Filing Date: April 16, 2004	Group Art Unit: 2871

U.S. PATENT DOCUMENTS

* Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
DN		3,978,580	09/07/1976	Leupp, et al.			09/27/1974
DN		4,094,058	06/13/1978	Yasutake, et al.			07/23/1976
DN		4,653,864	03/31/1987	Baron, et al.			02/26/1986
DN		4,691,995	09/08/1987	Yamazaki, et al.			07/15/1986
DN		4,775,225	10/04/1988	Tsuboyama, et al.			05/14/1986
DN		5,247,377	09/21/1993	Orneis, et al.			07/24/1989
DN		5,263,888	11/23/1993	Ishihara, et al.			02/11/1993
DN		5,379,139	01/03/1995	Sato, et al.			07/06/1992
DN		5,406,989	04/18/1995	Abe			10/12/1993
DN		5,499,128	03/12/1996	Hasegawa, et al.			03/15/1994
DN		5,507,323	04/16/1996	Abe			11/22/1994
DN		5,511,591	04/30/1996	Abe			04/10/1995
DN		5,539,545	07/23/1996	Shimizu, et al.			05/17/1994
DN		5,548,429	08/20/1996	Tsujita			06/14/1994
DN		5,642,214	06/24/1997	Ishii, et al.			07/05/1994
DN		5,680,189	10/21/1997	Shimizu, et al.			06/07/1995
DN		5,742,370	04/21/1998	Kim, et al.			02/26/1997
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DN	5,757,451	05/26/1998	Miyazaki, et al.			09/09/1996
DN	5,852,484	12/22/1998	Inoue, et al.			05/27/1997
DN	5,854,664	12/29/1998	Inoue, et al.			09/25/1995
DN	5,861,932	01/19/1999	Inata, et al.			03/30/1998
DN	5,875,922	03/02/1999	Chastine, et al.			10/10/1997
DN	5,952,676	09/14/1999	Sato, et al.			06/06/1997
DN	5,956,112	09/21/1999	Fujimori, et al.			10/01/1996
DN	6,001,203	12/14/1999	Yamada, et al.			12/10/1997
DN	6,011,609	01/04/2000	Kato, et al.			10/02/1997
DN	6,016,178	01/18/2000	Kataoka, et al.			03/14/1997
DN	6,016,181	01/18/2000	Shimada			01/21/1997
DN	6,055,035	04/25/2000	von Gutfeld, et al.			05/11/1998
DN	6,163,357	12/19/2000	Nakamura			09/26/1997
DN	6,219,126	04/17/2001	Von Gutfeld			11/20/1998
DN	6,226,067	05/01/2001	Nishiguchi, et al.			09/30/1998
DN	6,236,445	05/22/2001	Foschaar, et al.			02/22/1996
DN	6,304,306	10/16/2001	Shiomi, et al.			04/20/1998
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DN	6,304,311	10/16/2001	Egami, et al.			11/11/1999
DN	6,337,730	01/08/2002	Ozaki, et al.			06/01/1999
DN	6,414,733	07/02/2002	Ishikawa, et al.			02/07/2000
DN	2001/0021000	09/13/2001	Egami			02/01/2001

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Sub Class	<u>Translation</u>	
						YES	NO
DN	51-65656	06/07/1976	Japan			Abstract	
DN	57-38414	03/03/1982	Japan			Abstract	
DN	57-88428	06/02/1982	Japan			Abstract	
DN	58-27126	02/17/1983	Japan			Abstract	
DN	59-57221	04/02/1984	Japan			Abstract	
DN	59-195222	11/06/1984	Japan			Abstract	
DN	60-111221	06/17/1985	Japan			Abstract	
DN	60-164723	08/27/1985	Japan			Abstract	
DN	60-217343	10/30/1985	Japan			Abstract	
DN	61-7822	01/14/1986	Japan			Abstract	

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		Document Number	Date	Country	Class	Sub Class	<u>Translation</u> YES NO	
DN		61-55625	03/20/1986	Japan			Abstract	
DN		62-89025	04/23/1987	Japan			Abstract	
DN		62-90622	04/25/1987	Japan			Abstract	
DN		62-205319	09/09/1987	Japan			Abstract	
DN		63-109413	05/14/1988	Japan			Abstract	
DN		63-110425	05/14/1988	Japan			Abstract	
DN		63-128315	05/31/1988	Japan			Abstract	
DN		63-311233	12/20/1988	Japan			Abstract	
DN		5-127179	05/25/1993	Japan			Abstract	
DN		5-154923	06/22/1993	Japan			Abstract	
DN		5-265011	10/15/1993	Japan			Abstract	
DN		5-281557	10/29/1993	Japan			Abstract	
DN		5-281562	10/29/1993	Japan			Abstract	
DN		6-148657	05/27/1994	Japan			Abstract	
DN		6-160871	06/07/1994	Japan			Abstract	
DN		6-235925	08/23/1994	Japan			Abstract	
DN		6-265915	09/22/1994	Japan			Abstract	
DN		6-313870	11/08/1994	Japan			Abstract	

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		Document Number	Date	Country	Class	Sub Class	<u>Translation</u>	
							YES	NO
DN		6-51256	02/25/1994	Japan			Abstract	
DN		7-84268	03/31/1995	Japan			Abstract	
DN		7-128674	05/19/1995	Japan			Abstract	
DN		7-181507	07/21/1995	Japan			Abstract	
DN		8-95066	04/12/1996	Japan			Abstract	
DN		8-101395	04/16/1996	Japan			Abstract	
DN		8-106101	04/23/1996	Japan			Abstract	
DN		8-171094	07/02/1996	Japan			Abstract	
DN		8-190099	07/23/1996	Japan			Abstract	
DN		8-240807	09/17/1996	Japan			Abstract	
DN		9-5762	01/10/1997	Japan			Abstract	
DN		9-26578	01/28/1997	Japan			Abstract	
DN		9-61829	03/07/1997	Japan			Abstract	
DN		9-73075	03/18/1997	Japan			Abstract	
DN		9-73096	03/18/1997	Japan			Abstract	
DN		9-127528	05/16/1997	Japan			Abstract	

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	<u>Translation</u>	
							YES	NO
DN		9-230357	09/05/1997	Japan			Abstract	
DN		9-281511	10/31/1997	Japan			Abstract	
DN		9-311340	12/02/1997	Japan			Abstract	
DN		10-123537	05/15/1998	Japan			Abstract	
DN		10-123538	05/15/1998	Japan			Abstract	
DN		10-142616	05/29/1998	Japan			Abstract	
DN		10-177178	06/30/1998	Japan			Abstract	
DN		10-221700	08/21/1998	Japan			Abstract	
DN		10-282512	10/23/1998	Japan			Abstract	
DN		10-333157	12/18/1998	Japan			Abstract	
DN		10-333159	12/18/1998	Japan			Abstract	
DN		11-14953	01/22/1999	Japan			Abstract	
DN		11-38424	02/12/1999	Japan			Abstract	
DN		11-64811	03/05/1999	Japan			Abstract	
DN		11-109388	04/23/1999	Japan			Abstract	
DN		11-133438	05/21/1999	Japan			Abstract	
DN		11-142864	05/28/1999	Japan			Abstract	

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		Document Number	Date	Country	Class	Sub Class	<u>Translation</u>	
							YES	NO
DN		11-174477	07/02/1999	Japan			Abstract	
DN		11-212045	08/06/1999	Japan			Abstract	
DN		11-248930	09/17/1999	Japan			Abstract	
DN		11-326922	11/26/1999	Japan			Abstract	
DN		11-344714	12/14/1999	Japan			Abstract	
DN		2000-2879	01/07/2000	Japan			Abstract	
DN		2000-56311	02/25/2000	Japan			Abstract	
DN		2000-66165	03/03/2000	Japan			Abstract	
DN		2000-137235	05/16/2000	Japan			Abstract	
DN		2000-147528	05/26/2000	Japan			Abstract	
DN		2000-193988	07/14/2000	Japan			Abstract	
DN		2000-241824	09/08/2000	Japan			Abstract	
DN		2000-284295	10/13/2000	Japan			Abstract	
DN		2000-29035	01/28/2000	Japan			Abstract	
DN		2000-292799	10/20/2000	Japan			Abstract	
DN		2000-310759	11/07/2000	Japan			Abstract	
DN		2000-310784	11/07/2000	Japan			Abstract	

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		Document Number	Date	Country	Class	Sub Class	<u>Translation</u> YES NO	
DN		2000-338501	12/08/2000	Japan			Abstract	
DN		2001-5401	01/12/2001	Japan			Abstract	
DN		2001-5405	01/12/2001	Japan			Abstract	
DN		2001-13506	01/19/2001	Japan			Abstract	
DN		2001-33793	02/09/2001	Japan			Abstract	
DN		2001-42341	02/16/2001	Japan			Abstract	
DN		2001-51284	02/23/2001	Japan			Abstract	
DN		2001-66615	03/16/2001	Japan			Abstract	
DN		2001-91727	04/06/2001	Japan			Abstract	
DN		2001-117105	04/27/2001	Japan			Abstract	
DN		2001-117109	04/27/2001	Japan			Abstract	
DN		2001-133745	05/18/2001	Japan			Abstract	
DN		2001-133794	05/18/2001	Japan			Abstract	
DN		2001-133799	05/18/2001	Japan			Abstract	
DN		2001-142074	05/25/2001	Japan			Abstract	
DN		2001-147437	05/29/2001	Japan			Abstract	
DN		2001-154211	06/08/2001	Japan			Abstract	

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							YES	NO
DN		2001-166272	06/22/2001	Japan			Abstract	
DN		2001-166310	06/22/2001	Japan			Abstract	
DN		2001-183683	07/06/2001	Japan			Abstract	
DN		2001-201750	07/27/2001	Japan			Abstract	
DN		2001-209052	08/03/2001	Japan			Abstract	
DN		2001-209060	08/03/2001	Japan			Abstract	
DN		2001-215459	08/10/2001	Japan			Abstract	
DN		2001-222017	08/17/2001	Japan			Abstract	
DN		2001-235758	08/31/2001	Japan			Abstract	
DN		2001-255542	09/21/2001	Japan			Abstract	
DN		2001-264782	09/26/2001	Japan			Abstract	
DN		2001-272640	10/05/2001	Japan			Abstract	
DN		2001-281675	10/10/2001	Japan			Abstract	
DN		2001-281678	10/10/2001	Japan			Abstract	
DN		2001-282126	10/12/2001	Japan			Abstract	
DN		2001-305563	10/31/2001	Japan			Abstract	
DN		2001-330837	11/30/2001	Japan			Abstract	

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DN		2001-330840	11/30/2001	Japan			Abstract	
DN		2001-356353	12/26/2001	Japan			Abstract	
DN		2001-356354	12/26/2001	Japan			Abstract	
DN		2002-14360	01/18/2002	Japan			Abstract	
DN		2002-23176	01/23/2002	Japan			Abstract	
DN		2002-49045	02/15/2002	Japan			Abstract	
DN		2002-82340	03/22/2002	Japan			Abstract	
DN		2002-90759	03/27/2002	Japan			Abstract	
DN		2002-90760	03/27/2002	Japan			Abstract	
DN		2002-107740	04/10/2002	Japan			Abstract	
DN		2002-122872	04/26/2002	Japan			Abstract	
DN		2002-122873	04/26/2002	Japan			Abstract	
DN		2002-139734	05/17/2002	Japan			Abstract	
DN		2002-202512	07/19/2002	Japan			Abstract	
DN		2002-202514	07/19/2002	Japan			Abstract	
DN		2002-214626	07/31/2002	Japan			Abstract	
DN		2000-0035302	06/26/2000	Korea			Abstract	
DN		1 003 066	05/24/2000	Europe				

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